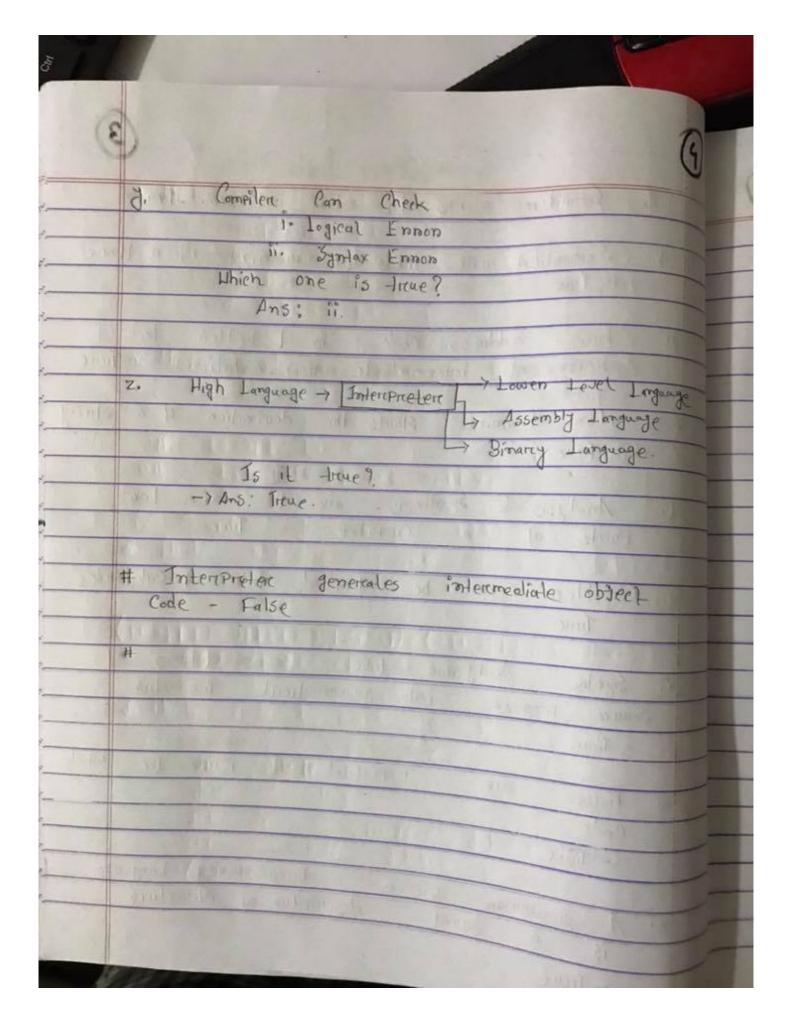
## Compiler Lab final

True / False Table is needed a. Symbol in Analysis Phase only - False b. Compiler Can transform Source - mom Code to Assembly Code. - Trup C. Linkers map all the library timetions with their Corresponding headers of library file. - Treue. d. Interretere gives diago diagnosis bellen 45 Charge - True e. Synthesis Phase Syntax tree builds - False J. Optimizer is one the most important Phoses 0 of compilers , hence implemented must be - False J. Compiler Can Source Code breamsforem freom to machine Code alone - False

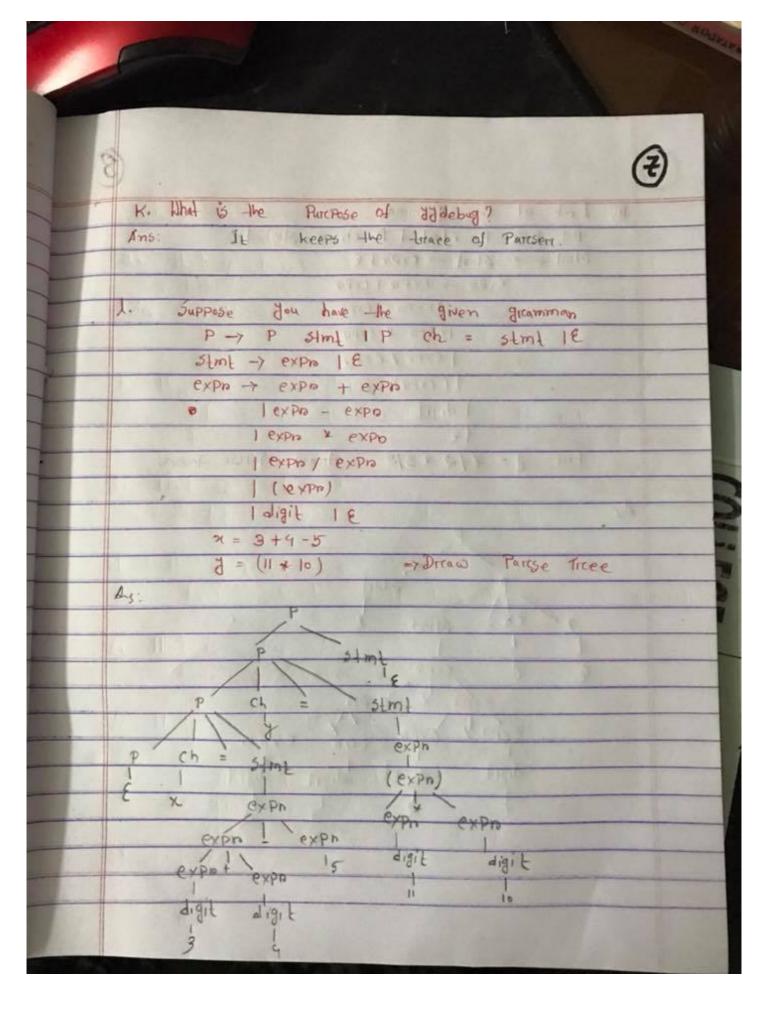
1	Compilere Lab Final
	h. Compilation gives better ennors report
	-False
2500	Stationard and the ballion and add being a man
	&i- Inhercited afficibates take siblings value.
	- Irac.
0 1 1	Man desirate and the second se
	J. Bottom up tree approach is alone enough
	to handle the total grammatical expression-
	- False
7/11/1	CHILDREN HEAVE HE SHE HE SPORT CONTROLLED
	K. Postfix notation is used to evaluate
-	the value of a statement.
- 8	- True.
Lankar	1. Z= 15 a Lexeme
	3.00
	- Inue
	On "Increment" it is a Pullar
	- Titue
10000	
7	n. Lexerne Token
	Is i't true?
-	- True.
1000	Anymakes that a seminar of the second
-	The state of the s
1	me (VW) de
*	Steps. Smpiler has 3

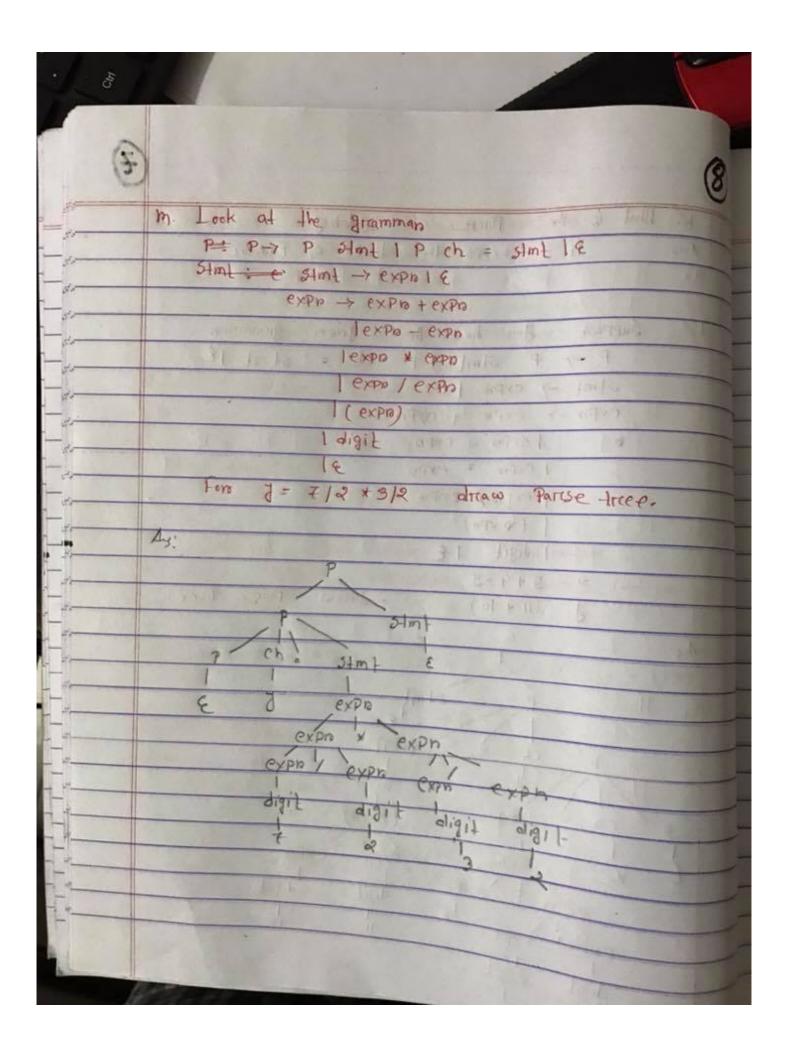
Г	
	P. Compilere works in two Phoses. Treue
	9. Semantical trule finds the meaning of a line.
	- Inuc.
	m. Three address code is & believe to
	herresent intermediate nepresentation - True
	DATE OF THE PROPERTY OF THE PARTY OF THE PAR
	3. Non-Lemminal starts the descivation of a streng.
	Inue Inue
-	
	t. Analysis & Synthesis are the main two
	Parets of a Compiler True.
	4. Compiler con be divided into 4 categories.
	- True
	v. Syntax Analysere takes groups tokons of
	Source Progress into greammatical Production
	- True.
	w Partsert are expected to Partse the whole
	Code
	- Trace
	71. A greammars Jose a Preogramming Language
-	
1	Silving discriber of structure
1	- Trine



(5)
Shorte Questions.
gardish to Winds Property and
a. What is the rown time of Inserction in a Symbol
Table?
Ans: 0(1)
and the later with the second second and the second
b. Why we use delim?
As To marck the beginning of the rule.
1 1 10 9 1 10
STEED OF THE DESIGNATION OF THE RESIDENCE OF THE PROPERTY OF T
C. What is Yace 9
Ans: Yet another Compiler Compiler
and the state of t
d. How Yace works?
Ans Look ahead Left to reight Paresere generator
1000000000000000000000000000000000000
6. Must 12 p12001;
Ans: Parcsere generation
The state of the s
1. Write Command to nun a lex.
Aug:
flex -t a.1 > a.c
8++ 1-e -0 a.o a.e
3++ 1-0, 1/a a.o -11
•/ a
The state of the s

Cut	
5	
4	g. Write the note of lexical analyzen
	Dos: a. Identify tokens.
, No	b. Remove WhilesPace
	C. Install lexeme in symbol table
	d. Return token to Pariser.
	h. Write negular expression of air id-
	Ans:
	where sile to reveni in the state of the
	1 [0-9] [
	011 1[0-9][1-9] 0[0-9][1-9]
	F yars I and January
	i. Consider Jean transe 1999 - John
	De brite regular expression of Date dd-mm-jear
	Ans:
prophosis	
	(0[1-9]   1 [0-9]   2 [0-9]   3 [01]) . (0 [1-9]   1 [012]) . (1999)
	THE RESERVE OF THE PARTY OF THE
	1 1 100
	coal to ban a hisan
	dace -d cale. y
	9++ -0 mycale d.tab. c
	g++ -e - w Lex. yy.e d.lab.e  g++ -o mycalc J.lab.o Lex. yyo





n. What extern mans? Ans: Compiler allocates memory outside the module. O. What is the Purpose of Itleng? Ans Holds the length of the lexeme P. 'What is the PurtPose of ddin?

In: It is the input stream Pointer Pointers. 9. Unite regulare expression for integer number.

Suppose, you have a integer number. you want to check it is odd on even. Write code Segment . Ans: 0 | [1-9] [0-9] \* 1 check (d) Hext); } roid & Check ( Chara as 3) 4

int val = atoi(a); if (ral 1.2 ==0)} Preintf (" Even In"); elseh Printy ("Odd in");